Philips
LED monitor with
SmartImage Lite

E-line

19" (41.8 cm)

196E3LSB

Elegant LED display with natural colours

This elegant 196E3 Full HD LED display with Touch controls, SmartContrast and SmartImage Lite is a great choice for all your needs

Great picture quality

- LED technology ensures natural colours
- 16:9 display for best widescreen gaming and video
- SmartContrast 20,000,000:1 for incredible rich black details
- SmartImage Lite for an enhanced LCD viewing experience

Design that complements any interior

- Sleek, elegant design complements your home decor
- Glossy finish to enhance your decor
- Modern Touch controls

Environmentally friendly green design

- Energy Star for energy efficiency and low power consumption
- Eco-friendly materials that meet international standards

Great convenience

- Easy display performance tuning with SmartControl Lite
- Easy picture format control switching between wide and 4:3 formats

PHILIPS

sense and simplicity

Highlights

LED technology

White LED's are solid state devices which light up to full, consistent brightness faster saving startup time. LED's are free from mercury content, which allows for eco-friendly recycling and disposal process. LED's allow for better dimming control of the LCD backlight, resulting in a super high contrast ratio. It also gives superior colour reproduction thanks to consistent brightness across the screen.

Sleek, elegant design

A sleek, elegant design look that complements home furnishings in any room.

SmartContrast ratio 20,000,000:1

You want the LCD flat display with the highest contrast and most vibrant images. Philips advanced video processing combined with unique extreme dimming and backlight-boosting technology results in vibrant images. SmartContrast will increase the contrast with excellent black level and accurate rendition of dark shades and colours. It gives a bright, lifelike picture with high contrast and vibrant colours.

Touch controls

Touch controls are intelligent, touch sensitive icons that replace protruding buttons that lets the user adjust the monitor to their requirement. Responding to your lightest touch, Touch control gives the monitor a modern feel

SmartControl Lite

SmartControl Lite is the next generation 3D icon-based GUI monitor control software. This allows the user to fine-tune most parameters of the monitor like Colour, Brightness, screen calibration, Multimedia, ID management etc with the mouse.

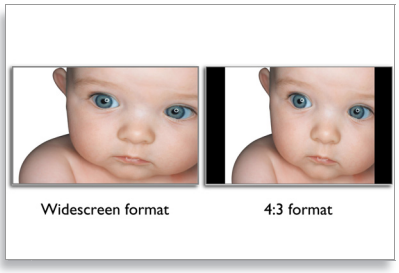
16:9 widescreen aspect ratio

An aspect ratio is an expression of a video image's width compared to its height. The 16:9 widescreen aspect ratio is standard for universal to high-definition television and European digital television. A native 16:9 aspect ratio means outstanding game and video display without bars at top and bottom of the picture and without the quality loss than comes from scaling, altering an image to fit on a different screen size.

Energy Star 5.0

Energy Star is a US EPA sponsored energy efficiency programme also adopted by many other countries. Energy Star certification ensures that you are buying a product which meets the latest power efficiency standards and which operates with maximum power efficiency at all operational levels. New Philips monitors are certified for Energy Star 5.0 specifications and meet or exceed the standard. For example, in sleep mode Energy Star 5.0 requires less than 1 Watt power consumption, whereas Philips monitors consume less than 0.5 Watts. Further details can be obtained from www.energystar.gov

Easy picture format control



Philips easy picture format control on OSD switches from the 4:3 aspect ratio to the widescreen mode and back again to match the display's aspect ratio with your content; it allows you to work with wide documents without scrolling or viewing widescreen media in the widescreen mode and gives you distortion-free, native mode display of 4:3 ratio content.

Eco-friendly materials

"Philips is committed to using sustainable, eco-friendly materials across its monitor range. All body plastic parts, metal chassis parts and packing materials use 100% recyclable materials. In some selected models we utilise up to 65% post-consumer recycled plastics. Strict adherence to RoHS standards ensures substantial reduction or elimination of toxic substances like lead, for example. Mercury content in monitors with CCFL backlights has been reduced significantly and eliminated completely in monitors with LED backlights. Visit Philips at http://www.asimpleswitch.com/global/ to learn more.

SmartImage Lite
LED White LED
20,000,000:1 SmartContrast
Touch control
5ms
4:3 ⇌ wide
Compatible with Windows 7

LED monitor with SmartImage Lite
E-line 19" (41.8 cm)

196E3LSB/10

Specifications

Picture/Display
- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Panel Size: 19 inch/48.1 cm
- Effective viewing area: 408.2 (H) x 255.2 (V)
- Aspect ratio: 16:10
- Optimum resolution: 1440 x 900 @ 60 Hz
- Response time (typical): 5 ms
- Brightness: 250 cd/m²
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Pixel pitch: 0.283 x 0.283 mm
- Viewing angle: 176° (H)/170° (V), @ C/R > 5
- Picture enhancement: SmartImage Lite
- Display colours: 16.7 M
- Scanning Frequency: 30–83 kHz (H)/56–75 Hz (V)
- sRGB

Connectivity
- Signal Input: VGA (Analogue)
- Sync Input: Separate Sync, Sync on Green

Convenience
- User convenience: SmartImage lite, Input, Power On/Off, 4:3/Wide, Menu
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish, Turkish
- Other convenience: VESA mount (100 x 100 mm), Kensington lock
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7/Vista/XP

Stand
- Tilt: -5/+20 degrees degree

Power
- On mode: 11.49 W (EnergyStar 5.0 test method)
- Standby mode: 0.5 W
- Off mode: 0.5 W
- Power LED indicator: Operation - White, Standby mode - White (flashing)
- Power supply: Built-in, 100-240 VAC, 50/60 Hz

Dimensions
- Product with stand (mm): 457 x 388 x 199 mm
- Product without stand (mm): 457 x 319 x 49 mm
- Packaging in mm (W x H x D): 503 x 444 x 134 mm

Weight
- Product with stand (kg): 3.59 kg
- Product without stand (kg): 3.29 kg
- Product with packaging (kg): 5.19 kg

Operating conditions
- Temperature range (operation): 0°C to 40°C °C
- Temperature range (storage): -20°C to 60°C °C
- Relative humidity: 20–80% %
- MTBF: 30,000 hour(s)

Sustainability
- Environmental and energy: RoHS, EPEAT Silver, EnergyStar 5.0
- Recyclable packaging material: 100 %

Compliance and standards
- Regulatory Approvals: BSMI, CE Mark, FCC Class B, GOST, SEMKO, TUV Ergo, TUV/GS, UL/cUL

Cabinet
- Colour: Black
- Finish: Glossy

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